

Converting Colors

`RYB(255, 163, 207)`

Have a look what the booklet for
RYB(255, 163, 207) contains.

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Color

`RYB(255, 163, 207)`

Conversions

Conversions Part 1

Format	Color
Hex	FFA3CF
RGB	255, 163, 207
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3608, 0.1882
CMYK	0.00, 0.36, 0.19, 0.00
HSL	331°, 100%, 82%
HSV	331°, 36%, 100%
XYZ	65.5997, 51.9594, 65.6032
YIQ	195.5240, 40.7080, 33.1880

Conversions

Conversions Part 2

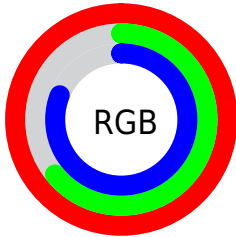
Format	Color
R_{YB}	255, 163, 207
Decimal	16753615
CIE Lab	77.26, 39.90, -8.13
CIE LCh	77, 40.719, 348.477
Yxy	51.9594, 0.3582, 0.2837
Android (android.graphics.Color)	4294943695 (0xFFFFA3CF)
YUV	195.5240, 5.6577, 52.1605
Hunter-Lab	72.0829, 36.3006, -3.5023

Details

The RYB color **255, 163, 207** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **163, 223, 255**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 219, 255**, and **197, 110, 153** is the 20% darker color. If you saturate the color by 10%, you get **255, 137, 194**, and if you desaturate by 10%, it is **255, 188, 220**.

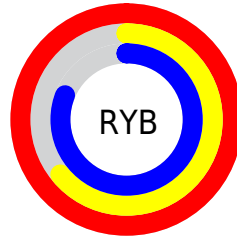
Distribution



Red (100%)

Green (64%)

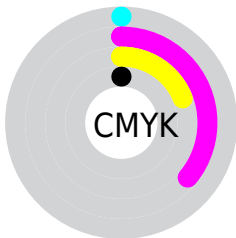
Blue (81%)



Red (100%)

Yellow (64%)

Blue (81%)

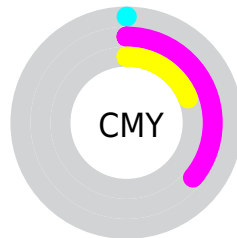


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 163, 207 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 255, 163, 207 by changing the saturation by 10% instead.


 255, 163, 207

 255, 163, 207

255, 255, 255


 226, 136, 179

 255, 219, 255

 197, 110, 153

 255, 248, 255

 168, 84, 127

 141, 59, 102

 114, 33, 78

 87, 1, 55

 62, 0, 34

 40, 0, 10

 0, 0, 0

■ 255, 163, 207

■ 255, 163, 207

■ 255, 137, 194

■ 255, 188, 220

■ 255, 112, 180

■ 255, 214, 234

■ 255, 86, 167

■ 255, 239, 247

■ 255, 61, 154

255, 255, 255

■ 255, 35, 140

■ 255, 10, 127

■ 255, 0, 122

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 173, 241



255, 163, 207



255, 162, 169

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 163, 207



118, 196, 122



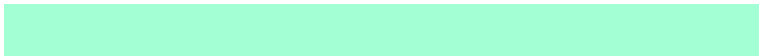
44, 134, 246

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



255, 163, 207



163, 223, 255

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46, 129, 213



255, 163, 207



140, 205, 196

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 163, 207



192, 229, 117



101, 166, 210



111, 166, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 163, 207



255, 172, 146



101, 166, 210



30, 126, 237

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



255, 163, 207



255, 227, 240



211, 163, 255



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 163, 207



255, 145, 198



255, 165, 163



128, 115, 121



191, 0, 91



64, 0, 30

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



255, 163, 207



255, 145, 198



163, 208, 255



128, 115, 121



191, 0, 91



64, 0, 30

Previews

White Background



This preview shows how the RYB color 255, 163, 207 looks on a white background.

Color Contrast Check

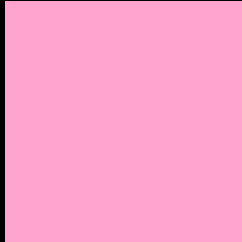
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 163, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 255, 163, 207 Background



This preview shows how black text looks on a background with the RYB color 255, 163, 207.



This preview shows how white text looks on a background with the RYB color 255, 163, 207.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
255, 163, 207

Protanopia
185, 189, 224

Deuteranopia
204, 186, 203



Tritanopia
252, 168, 180

Trichromacy



Original Color

255, 163, 207



Protanomaly

210, 180, 218



Deuteranomaly

223, 178, 204



Tritanomaly

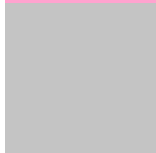
253, 166, 190

Monochromacy



Original Color

255, 163, 207



Achromatopsia

196, 196, 196



Achromatomaly

217, 184, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 163, 207 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 163, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 163, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 207) }
```

Border

The CSS property to change the border of an element to RYB 255, 163, 207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 163, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 163, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 163, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 255, 163, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
163, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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